

SAS:jam 10/27/03 226926  
PATENT

Attorney Reference Number 6915-66815  
Application Number 09/955,407

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A method of identifying a preferred liver transplant donor, comprising determining in an individual the presence or absence of a preferred genotype at a polymorphic site, said preferred genotype associated with altered activity of [a] tumor necrosis factor  $\alpha$  (TNF- $\alpha$ ), wherein the presence of said preferred genotype indicates that said individual is a preferred liver transplant donor, and wherein said polymorphic site is in a genomic nucleic acid sequence encoding interleukin (IL)-1, IL-2, IL-6, IL-8, transforming growth factor (TGF)- $\beta$ , IL-10, granulocyte macrophage colony stimulating factor (GMCSF), ciliary neurotrophic factor (CNTF) or TNF- $\alpha$ .

Claim 2 (original): The method of claim 1, further comprising reporting the presence or absence of said preferred genotype.

Claim 3 (original): The method of claim 1, wherein said preferred genotype is associated with lower activity of said tumor necrosis factor.

Claim 4 (canceled).

Claim 5 (currently amended): The method of claim 3, wherein said preferred genotype is associated with lower levels of said tumor necrosis factor- $\alpha$ .

Claim 6 (canceled).

Claim 7 (currently amended): The method of claim [6] 5, wherein said preferred genotype is TNF308.1.